

# CORPORATE SOCIAL RESPONSIBILITY REPORT OF BAMEBARI IRON & MANGANESE MINES 2018-2019



# **ABOUT BAMEBARI IRON & MANGANESE MINES**

## **ORGANISATION OVERVIEW**

Tata Steel, a Company that took shape from the vision of Jamsetji N. Tata, is today a global business enterprise having products and services in over 150 countries. Being the world's second-most geographically diversified steel producer, we operate in 26 countries, have commercial presence in over 50 countries and have employees spread across five continents.

Company has captive Iron & Manganese Mines at Joda area. Bamebari Manganese Mines is one of its captive mines in operation since 1930. The mine has an annual production capacity of 0.832 lakh ton Manganese Ore. Manganese Ore produced from this mines is used for Ferro Manganese production facility at Joda and other plants.

The Bamebari mining lease of 1150.550 hectares in Palasa (Ka), Kundaposi, Jadibahal, Bandhabeda, Gurutuan, Jajang & Bonaikela villages in Keonjhar District in the state of Odisha. The lease area is consisting with three discontinuous blocks as Bamebari, Joribar and Bonaikela. At Mine level CSR activities are undertaken in above areas.

### **Company Vision:**

We aspire to be the global steel industry benchmark for Value Creation and Corporate Citizenship.

### **Company Mission:**

Consistent with the vision and values of the Founder, Jamsetji Tata, Tata Steel strives to strengthen India's industrial base through the effective utilization of staff and materials. The means envisaged to achieve this are high technology and productivity, consistent with modern management practices. Tata Steel recognizes that while honesty and integrity are the essential ingredients of a strong and stable enterprise, profitability provides the main.

Spark for economic activity, overall, the Company seeks to scale the heights of excellence in all that it does in an atmosphere free from fear and, thereby, reaffirms its faith in democratic values.

### **Tata Values:**

Integrity Unity Pioneering Excellence Responsibility

## **CSR DELIVERY ARMS**

Tata Steel Rural Development Society (TSRDS) is a registered society under Societies Registration Act, 1860. The principal aim and objective of the society is to undertake promote, sponsor, assist or aid directly any activity/project/programme for the promotion and growth of the rural economy, rural welfare, socio economic development and upliftment of the people in rural areas

## **TSRDS UNIT OF JODA**

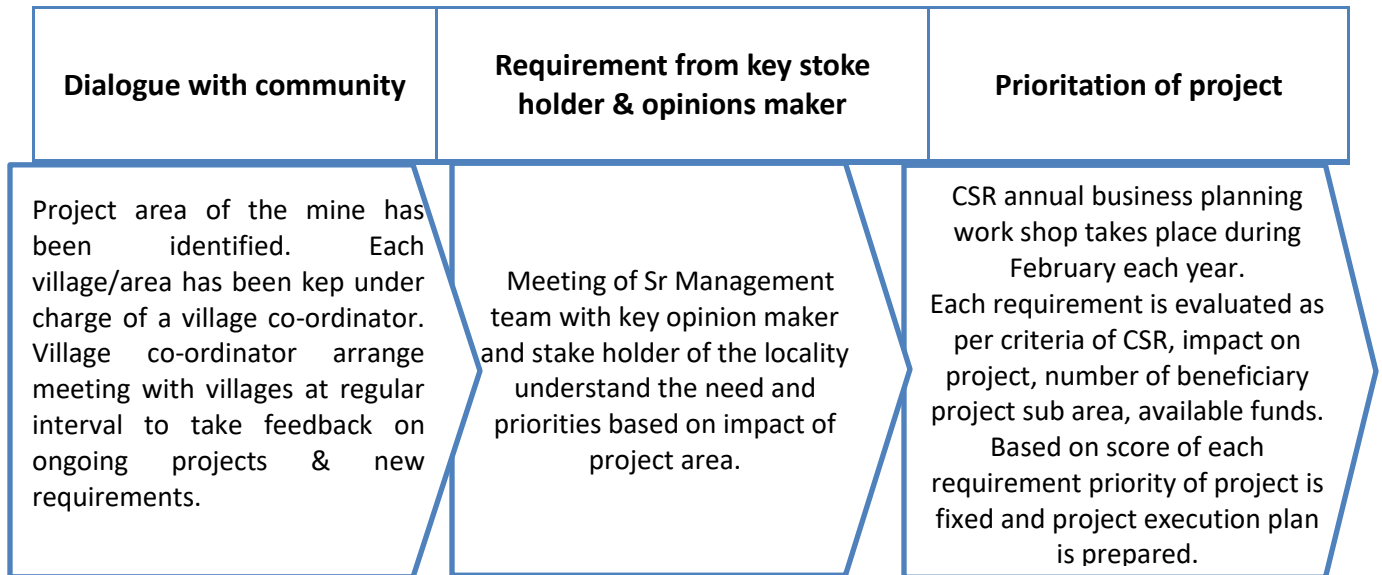
To undertake above mentioned activities at Joda area where company is operating Six mining leases a well-equipped CSR unit has been set up with specialized and experienced professionals This unit work as a central team to cater services to Joda East Iron Mines Joda West Iron & Manganese Mines, Khondbond Iron& Manganese Mines, Bamebari Manganese Mines, Tiringpahar Manganese Mines & Malda Manganese Mines

## **SDF team at Unit level**

To prepare the guideline for various CSR job, SDF budget, assign responsibility of various project, review status of various CSR jobs at mine level SDF team is created which consists of following members

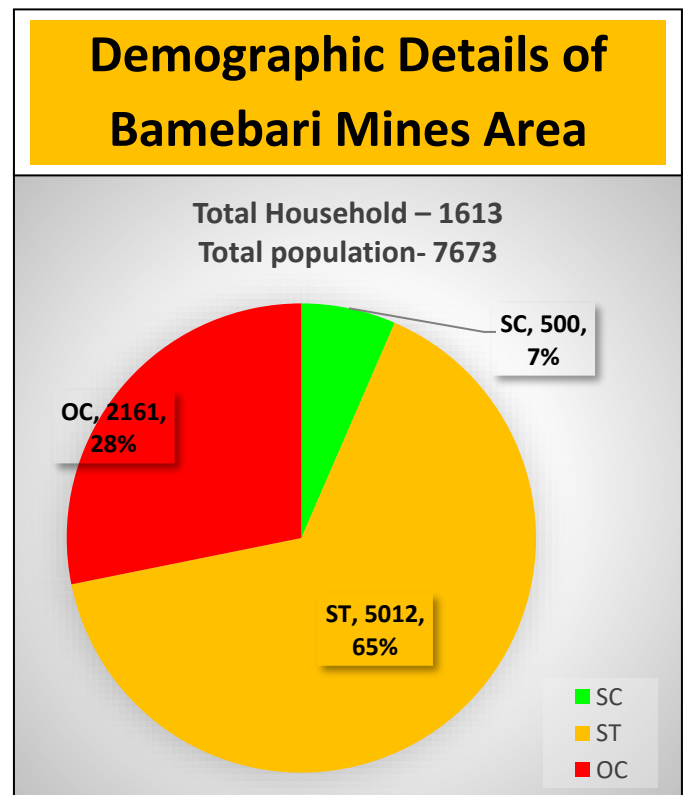
1	Rimlal Joshi	Mines Manager
2	Ritu Raj	Geologist
3.	Narayan Sahu	Mine Planning
4	Brahmananda Senapati	HRM
5.	Tanmay Kar	Unit Head TSRDS
6	Bibek Khandewal	Accounts
7.	Rakesh Ranjan Rana	Engineer
8	G N Singh	Doctor

## Process for Project Identification



## Demographic Details:

G.P	Revenue village	Hamlet
		Bhuinya Sahi
		Bamebari Basti
		C Block Hutting
	Unchabali	Unchabali
		Hudisahi
		Gohalmara Sahi
	Jagannathpur	Naik Saahi
		Majhi sahi
	Belda	Belda
		Balia sahi
		Masachhanda Sahi
	Bhandaridiha	Bhandaridiha
		Kundaposi
	Nambira	Nambira
		Mundasahi
Balda	Kundaposi	Charakmara
Jajang	Bandhuabeda	Bandhuabeda



**Details of CSR activities at Bamebari Iron Mn Mine (FAMD) in FY 2018-19 till March 2019**

SL No	Strategy	Request By From Villagers & Internal Planning	Initiative details	Village/Ward	Bamebari Plan ( in Lakhs)	Bamebari Expenditure ( in Lakhs)	Beneficiaries
1	A) Water storage tanks, drinking water supply facility & irrigation support to agriculture	Villagers & Panchayat Officer (VLW)	Installation and repair of hand tube wells	All peripheral villages	0.66	0.66	675
2		Villagers & Panchayat Officer (VLW)	Installation and repair of deep bores	All peripheral villages	0.33	0.33	900
3		MLA & Sarpanch	Solar powered drinking water project	Gurutuan (Mundasahi, Barbilsahi, Pongaposi)	30.00	28.99	350
4		Internal Planning	Others (open well, water storage Vat, mine water pipeline, filtration plant etc)	Palsa Ka	0.65	0.59	200
<b>Total (A)</b>					<b>31.64</b>	<b>30.57</b>	<b>2125</b>
5	B) Preventive measure for mitigation of mines related Health problem	Internal Planning	Mobile Medical Units and ambulances	All peripheral villages	5.00	5.74	3549
6		Internal Planning	Health Camps	All peripheral villages	0.50	0.50	445
7		Internal Planning	RISHTA	Palsa GP	0.50	0.49	400
8		Villagers	Provide fin assist-waivers for needy, case-to-case	All peripheral villages	2.00	2.21	234
<b>Total (B)</b>					<b>8.00</b>	<b>8.94</b>	<b>4628</b>
9	c)Promotion of Hygiene & Sanitation & public health initiatives	Villagers	Mosquito control by fogging and sparaying	All peripheral villages	0.30	0.45	200
10		Mandatory by Norms	Construction of Toilets at Palsa KA village (21 nos toilets )	Palsa Ka (Bhuniyasahi)	4.45	4.45	125
<b>Total (C)</b>					<b>4.75</b>	<b>4.90</b>	<b>325</b>
11	D) Skill Development	Internal Planning	Skill Development Programmes (LMV driving)	All peripheral villages	0.50	0.55	3
<b>Total (D)</b>					<b>0.50</b>	<b>0.5475</b>	<b>3</b>
12	E) Education	Internal Planning & Parent request	Grant-in-Aid to schools	UPME School ,Bamebari	16.00	16.77	757
13		Internal Planning & Parent request	Support to SC/ST students in education (AVS)	All peripheral villages	0.86	0.86	12
<b>Total (E)</b>					<b>16.86</b>	<b>17.63</b>	<b>769</b>
14	F) Support to Social, Cultural, Recreational Activities	Sarpach & Youth Request	Sports tournament at Bamebari	All peripheral villages	0.50	0.50	84
15		Youth	Running Sports Centers at Bameabri (1 Under-10 Coaching Center-25 Players)	Bamebari	0.50	0.52	13
<b>Total (F)</b>					<b>1.00</b>	<b>1.02</b>	<b>97</b>
16	G) Livelihood & Socio Economic Standerd Improvement	villagers	Agriculture Activities (SRI and dryland farming)	Jagarnathpur, Kundaposi & Brahmni diha	0.50	0.50	100
17		villagers	Promote second crops	Jagarnathpur	0.15	0.18	35
18		villagers	Livelihood-Agri, Allied, Livo, Pisci, Tassr, Diary, Poul	Jagarnathpur	0.08	0.08	15
19		villagers	Capacity Building of Farmers Institutions	All peripheral villages	0.05	0.04	60
20		SHG's Members	Women Empowerment Programmes	All peripheral villages	0.04	0.035	50
21		SHG's Members	Business Development of SHGs	All peripheral villages	0.13	0.135	30
<b>Total (G)</b>					<b>0.95</b>	<b>0.97</b>	<b>290</b>
22	H) Improvement of Road connectivity & public Transport & Road Connectivity	Head Master	Support for Schools/Institutions (Infrastructure) electrification of VRC Barbil Sahi	Gurutuan	0.30	0.30	300
<b>Total (H)</b>					<b>0.30</b>	<b>0.30</b>	<b>300</b>
<b>Total A+B+C+D+E+F+G+H</b>					<b>64.00</b>	<b>64.88</b>	<b>8537.00</b>

## Health and Medical facility:

### Mega Health Camp

It has been observed that in remote tribal villages the health facilities are very poor. Also there is a communication problem due to lack of transportation facilities.

TSRDS is providing health care facilities through mobile health units at remote places and also conducts awareness programmes on various health issues.

Besides these, specialized health camps are organized on time to time basis at different remote tribal villages to make them avail free health diagnosis and treatment.



*Inauguration of Mega Health Camp at SSVM, Bamebari*

A Mega health camp was organized at Bamebari SSVM School premises on **14<sup>th</sup> December 2018**. Patients from nearer villages attended the camp. A total of **555** patients attended the camp in which **267** were male and **288** were female.



The Camp was inaugurated by **Mr. Amit Dubey (Head, MGM, Tata Steel)**, **Mr. R L Joshi (Sr Manager, Bamebari Manganese Mines)**, and **Dr. AK Rai (CMO, Tata Steel Hospital, Joda)** in presence of **Mr. Tanmay Kar (Unit Head TSRDS, Joda)**, **Mr. Praveen Kr Bera (Sr Executive, TSRDS, Joda)** and other **TSRDS and Tata Steel staffs**.

Health camp was conducted in different specialization like **General**

**Medicine, Pediatrics, Gynecology, Skin** etc. The experienced specialist doctors from TATA STEEL Hospital– **Dr. A. K Rai (CMO)**, **Dr. G N Singh** including TSRDS doctors **Dr. Anmol Tigga** **Dr. Naresh Munda**, **Dr. Vinod** and the paramedical staffs of TSRDS, Joda **Mr. Birendra Mahato (Pharmacist,**

**TSRDS), Mrs Jyotsna Rani Barik (Sr Assit, Medical)** provided required health services in the camp. During the camp drugs and medicines were provided free to the patients treated. The whole camp was done in a systematic manner from registration to diagnoses to dispensing medicine at the end.

We have charged Rs.50000.00 from CSR budget of Bamebari mines.

**Wavier for free treatment at Tata Steel hospital, Joda**



*Mobile Medical Unit*

Mobile health care unit is deployed to take care of health of community. Doctor along with mobile unit visit different location on fix date and time to provide health care support if a patient treated in a health camp or a mobile health care unit require advance diagnosis or further treatment, they are referred to Tata Steel hospital, Joda for further treatment. Total 234 patients treated in Tata Steel hospital, Joda in Fy 18-19 from Bamebari mines area.

We have charged from Bamebari mines CSR budget for Medical mobile unit Rs.5.74 Lakh and waiver for free treatment 2.21 Lakh.



**MANSI** (Maternal and New born Survival Initiative) Project aims to reduce neonatal, infant & child mortality and maternal morbidity in rural and impoverished areas of Joda Block.

Grassroots Service Providers are very important in implementing knowledge & expertise in the field and it is very necessary to build their capacity through trainings & orientation at regular intervals.

ANMs, ASHAs & ASHA Sathis are some of the Govt. Frontline Health Workers who support MANSI Project in implementation of HBNCC model (Home Based Newborn & Child Care).



We organized a One Day Orientation cum Training Programme for ANMs of Joda Block on **28<sup>th</sup> January '19** where **35 ANMs** participated along with LHV, BPM, PHEO of Basudevpur CHC. The orientation provided was on progress of MANSI Project made so far. Progress related to reduction in IMR, CMR, MMR of Joda Block.



Dr. Pushpa Tiwari from TSFIF, Jamshedpur imparted training on Maternal Health with subjects including PPH (Postpartum Haemorrhage) & its management and High Risk Mother symptoms, High Risk Management, etc.

The overall objective of the program was capacity building of ANMs so that further these ANMs will guide the ASHA workers on better implementation of HBNCC to reduce neonatal, infant & child mortality and mother morbidity in rural and impoverished areas of Joda block.



## RISHTA Project

RISHTA project is an Adolescent's reproductive and sexual health care project. It works under the age from **10-20** Years.

The objectives of this project are

- Enable adolescents to take right decision with right information for their future.
- Inculcating the importance of adolescents' health, which otherwise remains ignored.
- Reduce Early Age of Marriage.

At Joda RISHTA project have started at 14 Wards of Municipality area in 2015, Khondbond area in 2016 .In 2018 RISHTA has expanded to Bamebari area.

Under RISHTA project we works on different activities. They are ARSH (Adolescent Reproductive & Sexual Health) sessions in Schools, Sensitization meetings on the RISHTA interventions at community, Identify

Under Age Marriage Couples, Hand wash Movement, Signature campaigns, link adolescents to various skill development programmes ,Cleanliness drive etc.

In 2018 we have started RISHTA project at the villages under Bamebari area like Palsa (KA), Palsa (KHA),Bamebari, Uchhballi , Nambira and Belda. The ARSH session have started in Bamebari high School, Uchhballi ME School, Bamebari ME School and Palsa (KHA) ME School with **400** nos of adolescents.

Last year nos of sensitization meetings with PRI members, Key persons, Parents, SHG members and youths have organized.



Apart from ARSH session we have conducted various activities in these schools like Hand wash Movement, Signature campaign on early age of marriage, No Plastic Campaign etc.



Some National Days also have observed in these schools like World AIDS Day, Children's Day, and Anti-Tobacco Day etc.

In RISHTA project development of Peer Educator is also an important role. In Bamebari area 24 nos of Peer Educators have developed.

Formation of kitchen garden is an important activity as Nutrition play very important role in adolescent's health. Total 17 nos of kitchen garden have formed in Fy 18-19.



## Promotion of Hygiene and Sanitation

### TOILETS CONSTRUCTED UNDER THE ODF POLICY, SWACHH BHARAT ABHIYAAN

**Job Description:** Construction of 24 Nos IHH Toilet.

**Location:** Palsa Kha

**Job Value:** Rs 4.45 Lakh

**Status:** Completed

Under the Ministry of Drinking Water and Sanitation (MDWS) the sub Mission of Swachh Bharat Abhiyaan Gramin , it is mandatory for the Tata Steel CSR to construct toilets in the chosen ODF villages. In the operational area of the FAP three villages have been adopted Kundrupani, Palsa Ka and Palsa Kha for the three mines coming under FAP. Under the Bamebari Iron & Mn Mines, a village Palsa Ka under the Palsa Gram Panchayat had been selected for construction of the ODF toilets.

As a first step we undertook several awareness campaigns to highlight the importance of using a toilet, maintaining hygiene in and around their house. In the first phase (Fy 17-18) of ODF project a survey for the entire Palsa Ka village consisting of 419 household out of which 21 households were selected

for construction of toilet in consultation with Ward member and other key persons of the village. Under the second phase in Fy 18-19 follow same process, 24 family of Palsa Ka were selected for construction of toilets. Total 45 toilets constructed in Palsa Ka village. These people were chosen based on the criteria of availability of water in the radius of 10 to 15 meter from their household. Secondly should sensible enough to use the toilets properly thus creating a good practice of using toilets in their village. The documentation process for each beneficiary was done, which involved submitting the photocopy of the Aadhar card, an application requesting the toilet and a NOC



declaring that a designated piece of land of the beneficiary would be used for constructing the toilet and that they will use the toilet structure for the designated purpose.

After the completion of the construction, feed- back from each beneficiary was taken to address their grievance and to bring any modification for the second phase. A few complaints and feedbacks had come which were duly addressed.



*Swachata awareness campaign at public places & villages*

Further to motivate communities to adopt sustainable sanitation practices and facilities through awareness creation and health education. Nukad natak on Swachhta, Dengue and malaria was played at various locations of mines site, schools & villages. Further people are counselled in small groups to adopt hygiene practices like hand wash and open defecation we are also doing anti larva fogging in peripheral villages to control mosquito breeding and reduce chances of human health disease.



*Dengue awareness with Nukad Natak at Plasa Ka village*

## Skill Development & Vocational Training

### HMV (Heavy Motor Vehicle) Driving Training at Joda



There is always regular demand of skilled LMV and HMV drivers in mining companies in and around Joda, Keonjhar district. To cater the same, in the past we have provided LMV (Light Motor Vehicle) Driving Training to many youths, among them some were interested for HMV (Heavy Motor Vehicle) Driving Training. Under Skill Development Program, TSRDS-Joda organized HMV Training in association with Maa Bhawani Driving Training Institute (MBDTI) at Karanjia, Keonjhar for the unemployed youths of Joda.

One month residential training was provided by the Institute which is affiliated with State Transport Authority, Odisha. It has all basic infrastructures like classroom, Light vehicles, Heavy vehicles and training ground. The Institute gives a 30 days training to the candidates which gets verified by HMV Inspector and further Final Driving License is issued to the successful candidates. A total **8 nos of unemployed youth** from operational villages of Khondbondh, FAP and OMQ area were provided training in the **1<sup>st</sup> batch from 20<sup>th</sup> Sept'18 to 20<sup>th</sup> Oct'18**. These youths have received a Driving License, Training completion Certificate and Accidental Insurance of Rs. 1.0 Lakh. **15 nos more youths** has already been screened for **2<sup>nd</sup> batch** and expected to start the training from January'19.



*Youths at the Driving Training Institute*



*During Classroom Training*



*During Practice Session at the Ground*



*During Final License Test Drive at Bhubaneswar*

Presently, these youth are practicing on Light Motor Vehicles and earning about Rs. 8000/month. After receiving HMV license more opportunities will knock their door and they would earn about Rs. 18000/month.

Sanjay Munda from Guruda village says with a smile on his face, *“We have acquired this new skill and there are many Mines where we can apply & get job with handsome salary in spite of us being less educated”*.

HMV Final License along with Insurance & Certificate were distributed by Mr. Sourav Roy (Chief, CSR), Mr. Ambika Nanda (Head, CSR Odisha), and Captain. Amitabh (Head, Skill Development-CSR), in presence of Mr. Tanmay Kar (Unit Head, TSRDS), Mr. Praveen Kumar Bera (Sr. Executive, TSRDS), Mr. Yashwant Singh (Executive, Skill Development) and other staffs of TSRDS.

Sl no	Name	Father	Village	Area	Mob no	Batch	Year	Remarks
1	Dullaba Majhi	Suresh Majhi	Bandhuabeda	Bamebari	9438076882	1st BAT CH	FY 18-19 (20.09.2018 to 20-10-2018)	Final DL, Certificate & Insurance received on 11th Dec'18
2	Santosh Soren	Manglu Soren	Palasa Ka	Bamebari	8763352850			
3	Anand Triya	Sambhu Triya	Malada	Bichkundi	8280476371			
4	Ram Balmuch	Barbil Balmuch	Kalmang Malda	Bichkundi	7655912960	2nd BAT CH	FY 18-19 (01-02-2019 to 01-03-2019)	Final DL, Certificate & Insurance yet to receive
5	Goutam Soren	Thusa Soren	Bamebari	Bamebari	8280828737			
6	Sanjay Behera	Kirani Behera	Katesahi Chor Malda	Bichkundi	9437388205			
7	Kalicharan Majhi	Ghasiram Majhi	Bandhuabeda	Tiringpahar	8280101947			
8	Shisira Majhi	Upendra Majhi	Bandhuabeda	Tiringpahar	7381694350			

Area	No of Youths
Tring Pahar	2
Bamebari	3
Bichakundi	3
<b>TOTAL</b>	<b>8</b>

## **Agriculture Training** *Farmers Training Program at Rahligoda village*



Paddy is the only crop produced in many villages of our periphery. We are promoting skill development of farmers through advance training. This training enhanced capacity building of farmers. The main objective of this project is to enhance the agricultural yield of marginal farmers by improving method of rice cultivation and enhance their capacity through training and exposure. The farmers who got advance training will give field level training to other farmers. Field levels helped farmers by giving greater insights of SRI cultivation. Total 112 farmers trained in fy 18-19.

### **Promotion of Literacy and Education:**

To impart primary education Tata Steel has setup primary and upper primary school at Bamebari for Palsa ka, Palsa Kha villages. Tata Steel provide grant in aid to school management on monthly basis for running the school. Total 16.77 Lakh amount is provided as grant in aid to school during Fy- 18-19. Education imparted in these schools are absolutely free for all students, most of the students are belong to SC, ST and poor families.



## Drinking Water Project:



Solar power drinking water project at Gurutuan village

Community people and key stakeholders have requested us for provide drinking water facility in Gurutuan village. The villagers have problem of drinking water especially in summer season. They used water form Baitarni River. It was half kilometer from village.

As per survey don by us, total 3 nos. of additional deep bore wells with solar power and overhead tank along with water supply pipe line are required to be constructed for coverage of drinking water demand in Gurutuan village. We completed 2 nos. overhead tank and supply pipe line with solar power system.

The jobs are completed and fulfil the objectives. The total cost of Rs. 25 Lakh.

**Job Description:** Construction of water vat.

**Location:** Palsa Ka village.



**Job Value:** Rs 56,000.00

**Status: Completed**

**Asset created:** Palsa Ka Village under Palsa G.P is an important periphery village of Bamebari Mn. Mines. The village is a tribal village with 238 households and 1200 ST/SC populations residing in different hamlets. This village is having a Bamebari New Primary School which has 99 students, out of which 83 are SC/ST student, the School is facing problem of water storage, and hence there is requirement of storage tank for utilization of different purpose.

We constructed masonry Water VAT (tank) of 3,200 liters capacity so that water was stored and School was used it for different purpose. This way, community was able to store and consume potable & safe drinking water.



**Support to Social, Cultural and Recreational Activities**



*Under-10 Football coaching by expert coach.*

We are running Under 10 Football training center at Bamebari, where 13 nos of players are getting trained. Through this initiative we are promoting culture of sports in the younger generation. We are providing platform to the new and young talents to display and hone their skills Under 10 players gets exposure of Inter Unit tournament at Jamshedpur as well as coaching by specialist coach for enhance their sports skill.



Every year we organize inter-village tournament in Bamebari mine peripheral areas. This year 7 teams and 84 players participated in the tournament. The program provides an opportunity for the under privileged talents of the villages to show case their skills and talent. These youths prove to become role models to the younger generations. At the same time it allows us to meaningfully engage the young generation thus preventing them from getting indulged in unhealthy means of recreation

## Agriculture & Livelihood



Paddy cultivation through SRI Method at Jagarnathpur

Agriculture generates livelihood not only in direct form but also in indirect form to many landless peasants. As paddy is the only crop raised in many villages of our periphery, we are geared towards supporting the farmers by providing training and technical guidance.

Paddy is the only crop produced in many villages of ours periphery .We are implementing System of Rice Intensification (SRI) project in periphery villages. The entire project cost is Re 0.5 Lakh. In FY 18-19 we worked with 100 farmers in 85 acre of land in Jagannathpur, Jamunaposi & Kundaposi villages. The main objective of this project is to enhance the agricultural yield of small and marginal farmers by improving method of rice cultivation and enhance their capacity through training and exposure. 35 farmers are cultivated vegetable. The field level training of Farmers and farm visit were organised with support Govt. Agriculture Department.

